

Residue # 1 5 10 15 20 25 30 35 40 45 50 55
(SEQ ID NO:1) MDVFMKGLSKAKEGVVAAAEEKTKQGVAAEAAAGKTKEGVLYVGSKTKATEGVVHGVATVAE

Residue # 60 65 70 75 80 85 90 95 100 105 110
(SEQ ID NO:1) KTKEQVTNVGGAVVVTGVTAVAQKTVEGAGSIAAATGFVKKDQLGKNEEGAPQE

(SEQ ID NO:2) EQVTNVGGAVVVTGVTAVAQKTVEGAGSIAAATGFV (residues 61-95)

(SEQ ID NO:3) KEQVTNVGGAVVVTGVTAVAQKTVEGAGS (residues 60-87)

Residue # 115 120 125 130 135 140
(SEQ ID NO:1) GILEDMPPVDPPDNEAYEMPSEEQYQDYEPPEA (residues 1-140)

Fig. 1

α -Synuclein Immunization Reduces the Formation SYN (+) Inclusions

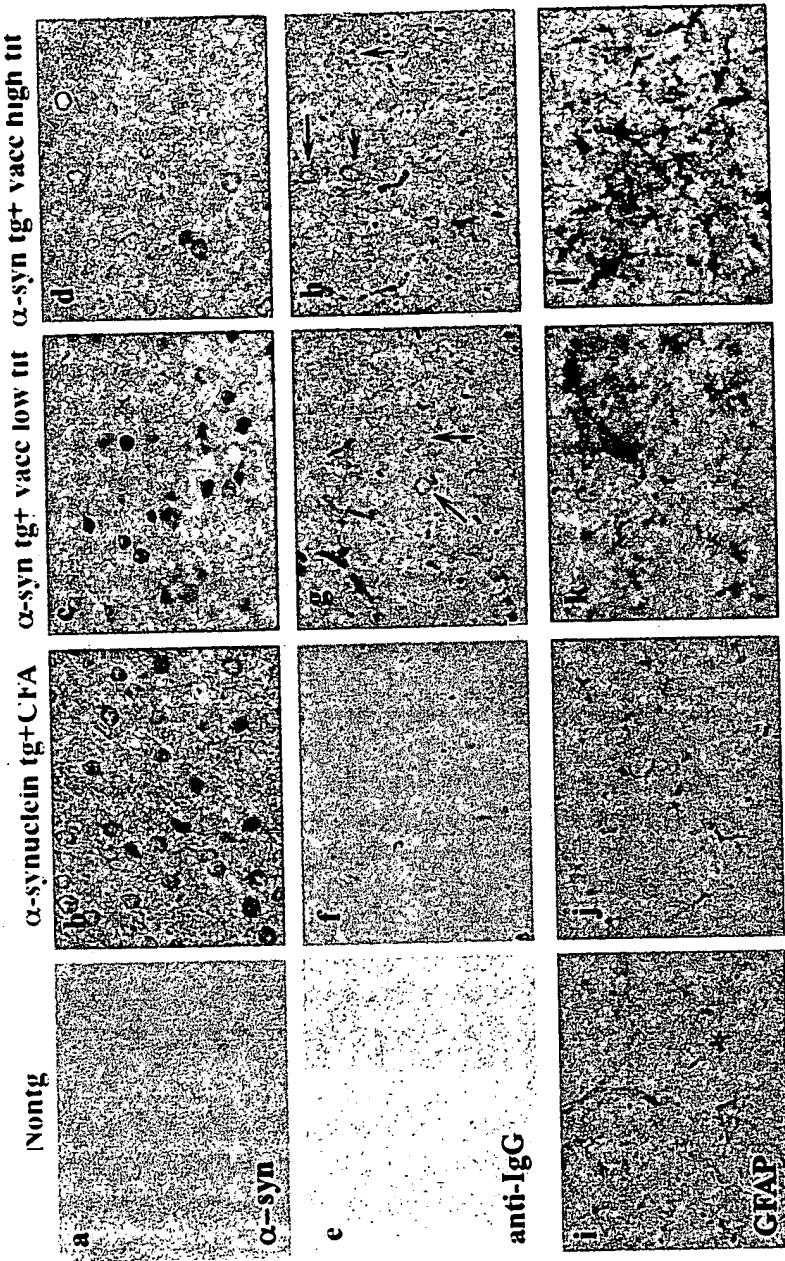
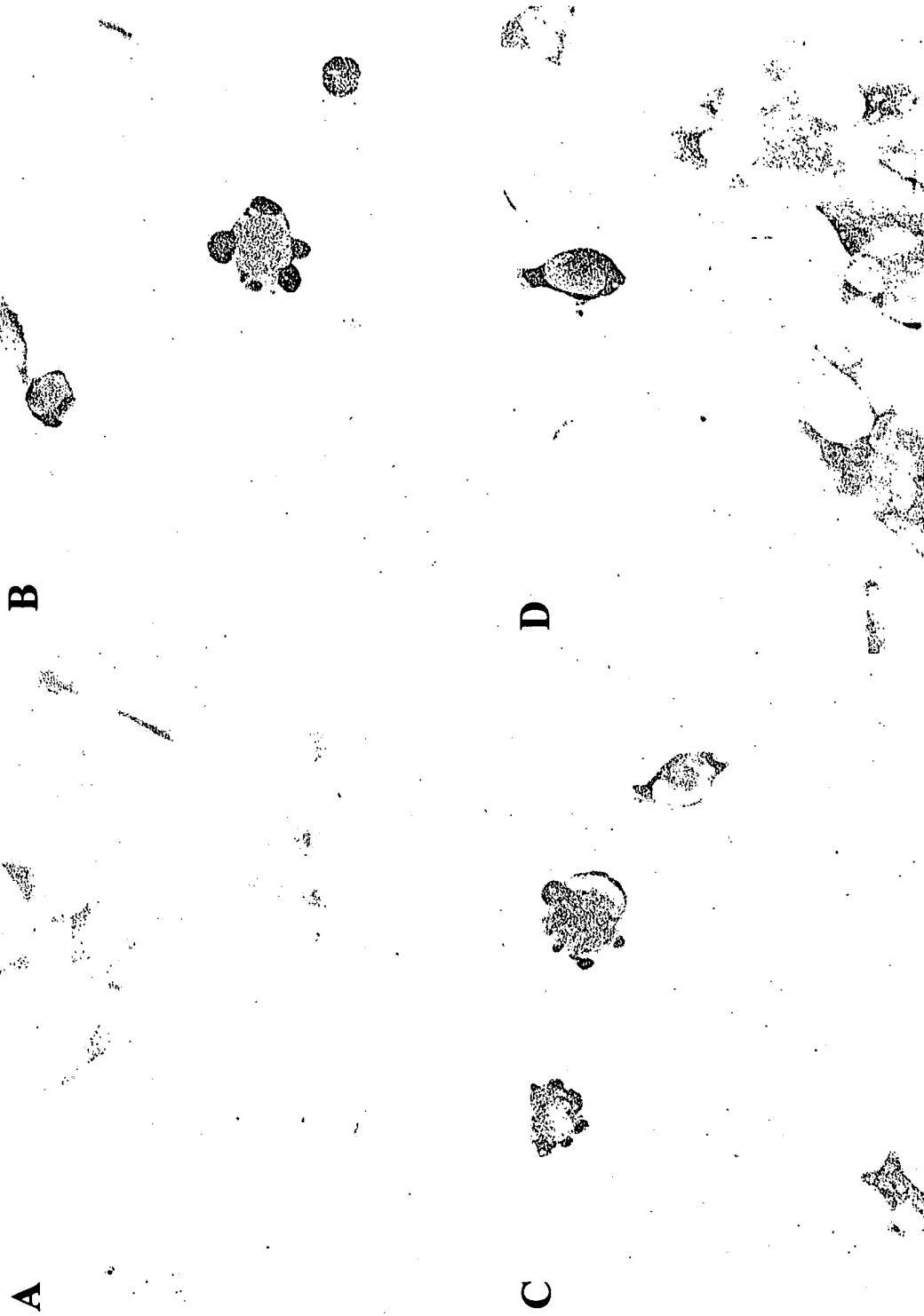
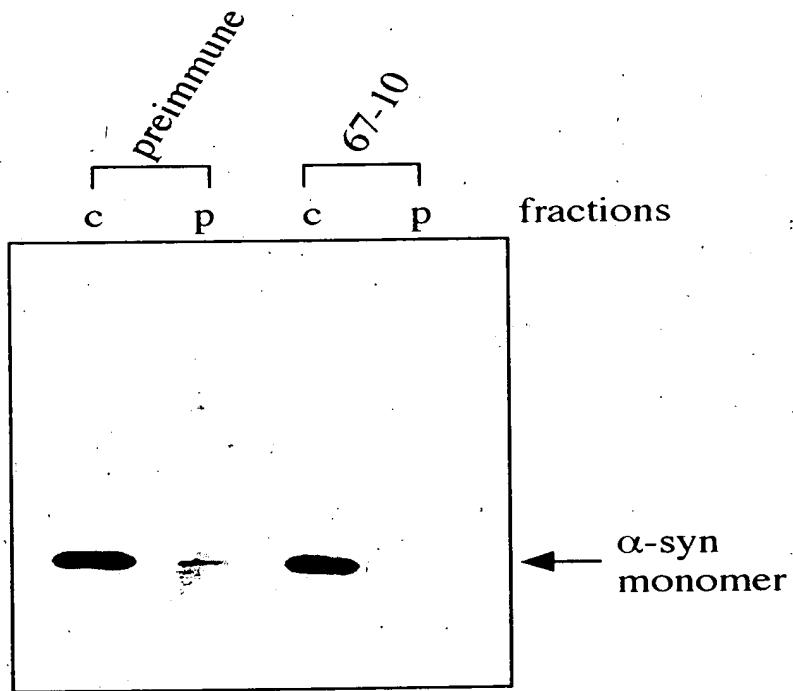


Fig. 2

Fig. 3





GT1-7 α -syn overexpressing cells were incubated with either anti-mouse α -syn serum or preimmune serum (1: 50) for 48 hrs.

-Result-

1. Cell proliferation was slightly suppressed in the anti-mouse α -syn serum (67-10) treated cells compared to the preimmune serum treated cells (not shown).
2. In the anti-mouse α -syn serum treated cells, the immuno-reactivity of α -syn was decreased in the particulate fraction.

Fig. 4

Amyloid β -protein

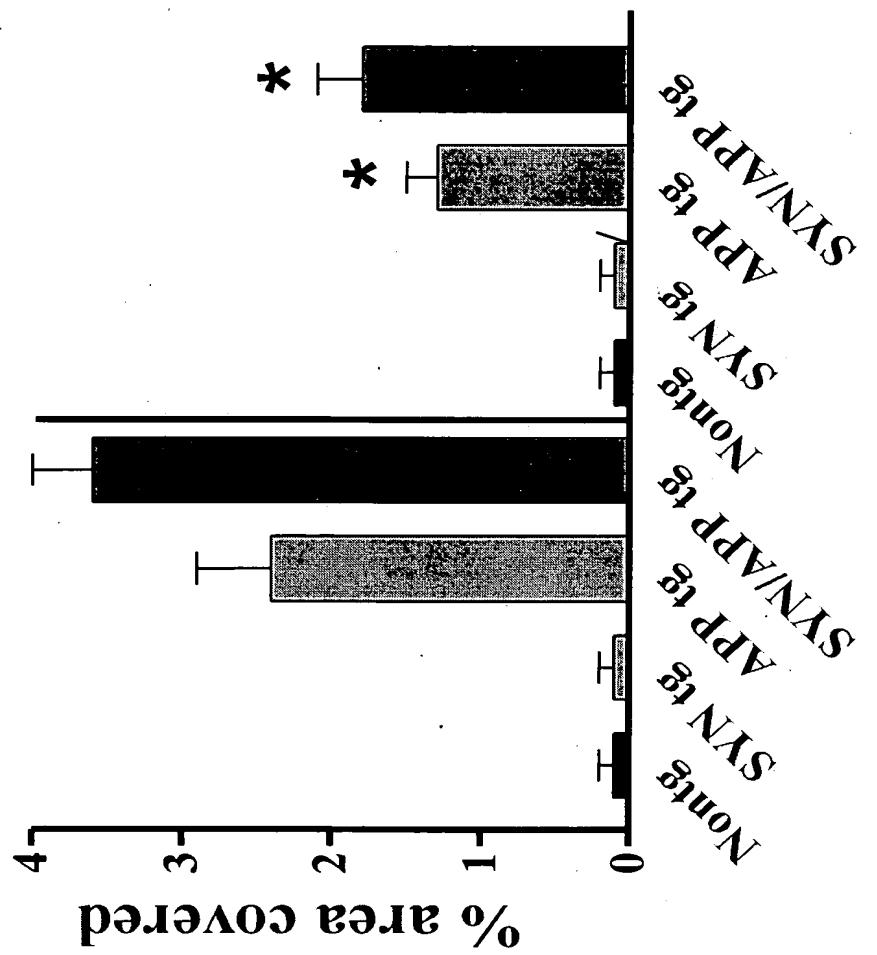


Fig. 5 A β 1-42
CFA

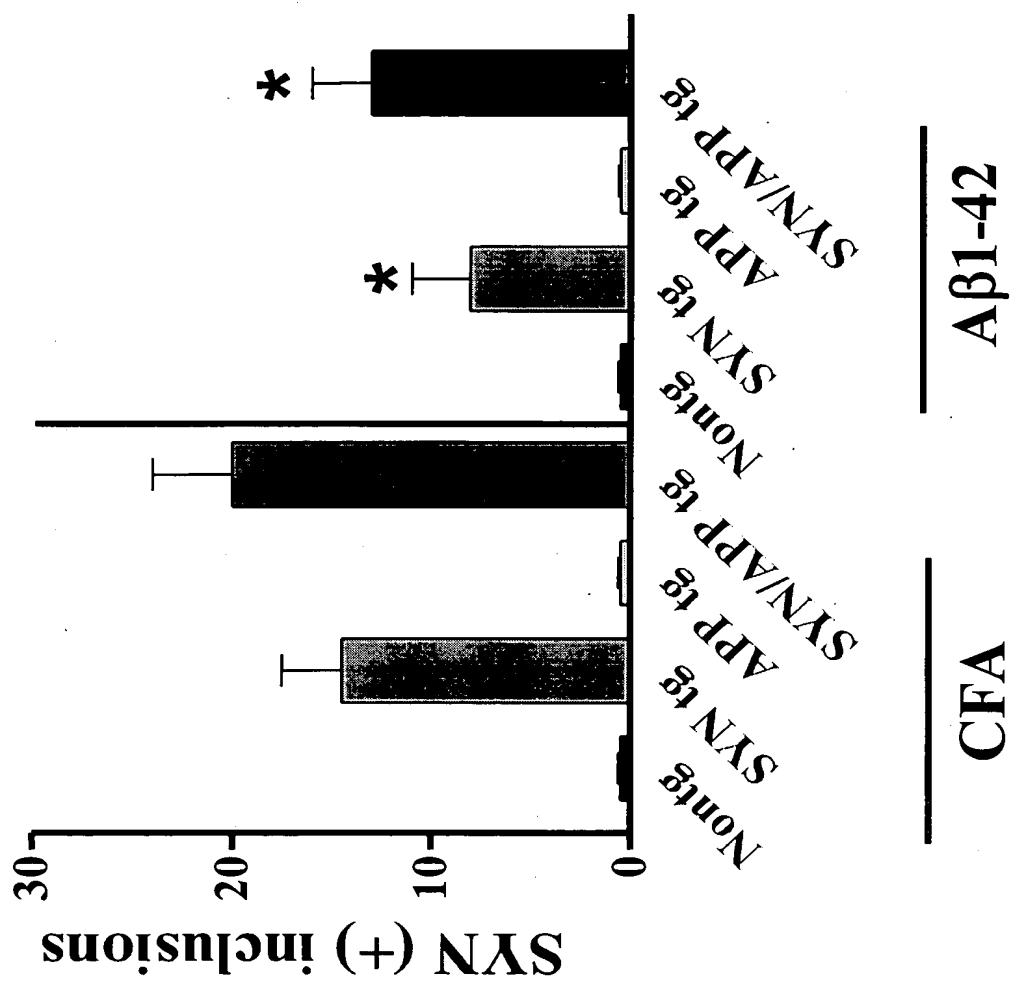


Fig. 6

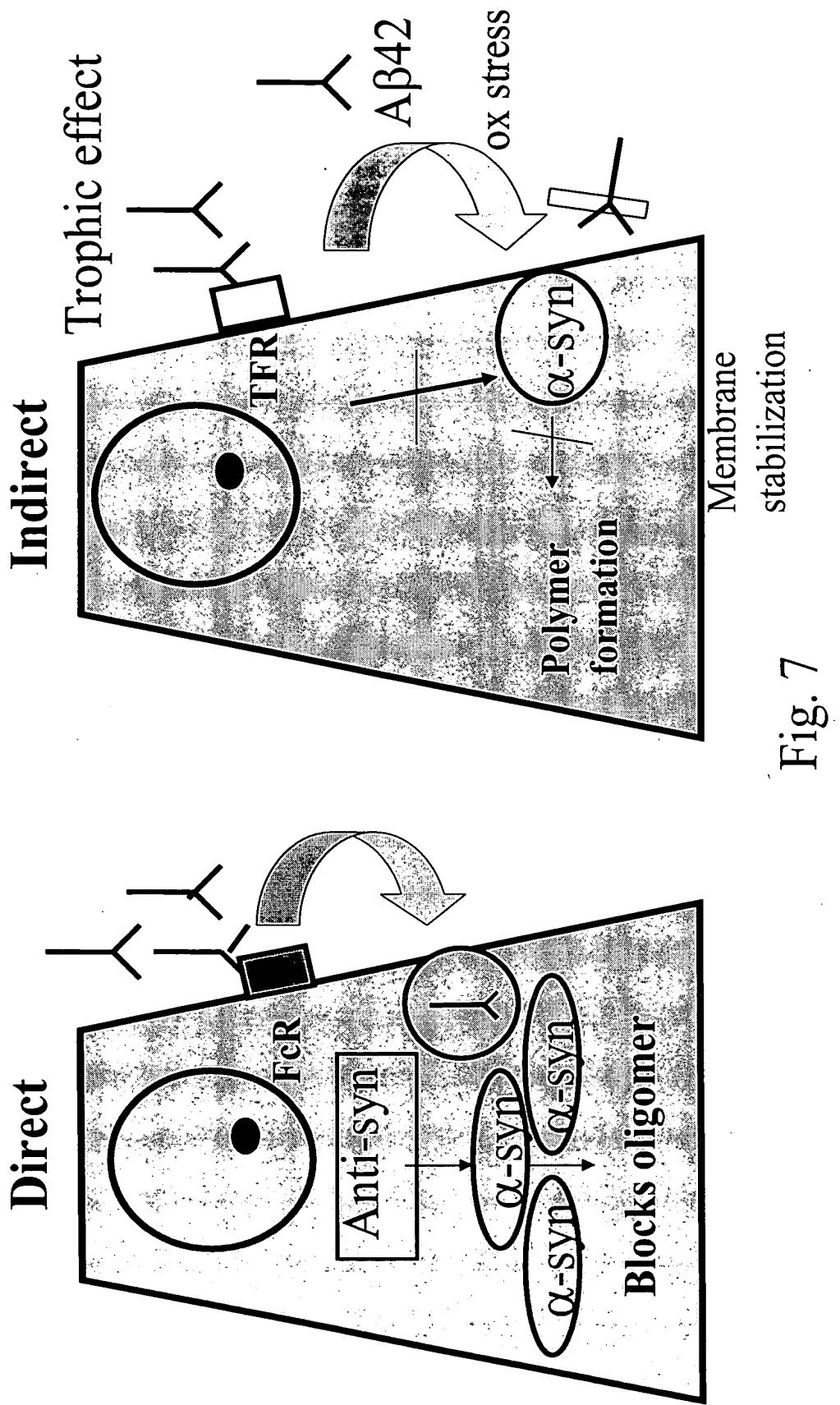


Fig. 7